

Recombinant Full Length Human RIOK2, GST-tagged

Cat. No. RIOK2-129H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length recombinant human RIOK2 was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag.
Species	Human
Source	Sf9 Cells
ProteinLength	1-552 a.a.
Description	RIOK2 or RIO kinase 2 is a novel cytoplasmic component of pre-40S pre-ribosomal particle(s) in human cells which is required late 40S maturation at several distinct steps. RIOK2 regulates metaphase-anaphase transition during mitotic progression.
Form	50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	~106 kDa
AA Sequence	Full Length
Purity	>95%
Applications	Western Blot
Stability	1 yr at -70°C from date of shipment.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store product at –70oC. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.1 ug/ul
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GENE INFORMATION

Gene Name	RIOK2 RIO kinase 2 [Homo sapiens (human)]
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Official Symbol	RIOK2
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Synonyms	RIO kinase 2 (yeast); serine/threonine-protein kinase RIO2; FLJ111159; EC 2.7.11.1; OTTHUMP00000222868; RIO kinase 2; RIO2; OTTHUMP00000158911
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Gene ID	55781
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mRNA Refseq	NM_001159749
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Protein Refseq	NP_001153221
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UniProt ID	D6RDI3
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Chromosome Location	5q15
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Pathway	Ribosome biogenesis in eukaryotes
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Function	ATP binding; protein serine/threonine kinase activity
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